

## Plan Review Checklist for New Federal Virginia Graeme Baker Pool and Spa Safety Requirements

All pool plan review applications must provide the following applicable Federal Virginia Graeme Baker Pool and Spa Safety Act and ASME A112.19.8-2007 compliant information. Any structural changes to the pool will require information that is prepared, stamped and signed by an engineer or architect. Provide two copies of documents other than the plan review application. **Construction inspections of the alterations will be required.**

### NEW COVERS

#### Required for all pools and spas with submerged suction outlets

- \_\_\_ Complete plan review application
- \_\_\_ Complete pool data form
- \_\_\_ Product manufacturer cut sheets and installation instructions for main drain suction outlet cover/sump/fastener assemblies.
- \_\_\_ Product manufacturer cut sheets and installation instructions for equalizer cover/sump/fastener assemblies for equalizer lines that meet the pool surface.  
Note: Manufacturer **information must include** - gpm rating, square inches of open grate, pipe/cover spacing specification, if cover is approved for floors or walls and single or multiple drains. Cover/sump/fastener assemblies must be certified ASME A112.19.8-2007 compliant by a nationally recognized testing laboratory unless field built certification is provided as allowed.
- \_\_\_ Detailed description of how covers and frames will be secured in place. Detailed description must meet ASME A112.19.8-2007 specifications. Include a copy of manufacturer's installation instructions.
- \_\_\_ A sketch or pictures showing piping locations for sumps with multiple pipes.
- \_\_\_ Performance pump curves for all pumps (recirculation, jet, and water feature), plotting maximum clean and minimum dirty filter rates in gpm and calculations.

#### If there will be structural changes such as sump modifications

- \_\_\_ Plan, cross-sections, and detail drawings required. Plan view needs to include the location and distance between all submerged main drains and suction outlets, piping diameters, and pipe manifold(s). Section and detail views must include covers, frames, sumps, and all associated piping (document all pipe diameters). Drawings need to clearly show ASME A112.19.8-2007 compliance.

### AND DRAINS

#### Required for pools and spas with multiple main drains

- \_\_\_ Unless this is new construction or a second drain is being added, testing is required to demonstrate drains are not connected in series. Submit testing procedures used and results. In certain cases photographs may be substituted for testing.

Note: Multiple drain configurations must meet both the WAC 246-260 and new Federal Virginia Graeme Baker Act requirements. (See Washington State Department of Health's *Pool Main Drain Safety-Guidance for Complying with the New Federal Law* <http://www.doh.wa.gov/ehp/wr/guidance-maindrainlaw.pdf>)

OR

#### Required for pools and spas with single main drains and multiple drain configurations that operate as a single main drain or have drains separated by less than three feet

- \_\_\_ If structural modifications are made, provide all items listed under the heading "If there will be structural changes such as sump modification."
- \_\_\_ Detailed drawing showing placement of the safety system that meets both the WAC 246-260 and new Federal Virginia Graeme Baker Act. Manufacturer's cut sheets for SVRS must clearly show ASME A112.19.17-2002, ASTM F2387-04, and ANSI/APSP-7 2006 compliance. (See Washington State Department of Health's *Guidelines for Pools with Single Main Drains* at <http://www.doh.wa.gov/ehp/ts/WaterRec/pubs/wrf-singlemaindrain.doc>.)